

FORM PTO-1390 (REV. 02-2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>42222-0016</b>	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (if known, see 37 CFR 1.57) <b>10/566263</b> <i>To be assigned</i>	
INTERNATIONAL APPLICATION NO. <b>PCT/US2004/003135</b>		INTERNATIONAL FILING DATE <b>February 4, 2004</b>		PRIORITY DATE CLAIMED <b>July 31, 2003</b>	
TITLE OF INVENTION <b>SYSTEMS AND METHODS FOR CONTROLLING AND FORMING POLYMER GELS</b>					
APPLICANT(S) FOR DO/EO/US <b>Jeffrey W. RUBERTI; Gavin J. C. BRAITHWAITE</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> had been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>					
Items 11 to 20. below concern document(s) or information included:					
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 132 and 37 CFR 1.821-1825</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4)</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: Form PCT/ISA/210, Form PCT/ISA/237</li> </ol>					

U.S. APPLICATION NO. (UNKNOWN SEE 37 CFR 1.7) <b>To be assigned</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US2004/003135</b>		ATTORNEY'S DOCKET NUMBER <b>42222-0016</b>	
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21. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee.....\$300.00 <input checked="" type="checkbox"/> b) Examination fee .....\$200.00 <input checked="" type="checkbox"/> c) Search fee.....\$400.00  <div style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></div>				<b>CALCULATIONS PTO USE ONLY</b>   <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;"><b>900.00</b></td> <td style="width:50%;"></td> </tr> </table>		<b>900.00</b>	
<b>900.00</b>							
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
TOTAL SHEETS	EXTRA SHEETS	NUMBER EXTRA (of each additional 50 or fraction thereof rounded up to a whole number)	RATE				
117 - 100 =	50 =	0	x \$250.00	<b>250.00</b>			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).							
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE				
Total claims	- 20 =		x \$50.00				
Independent claims	- 3 =		x \$200.0				
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.0				
<b>SUBTOTAL =</b>				<b>1150.00</b>			
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<b>575.00</b>			
<b>SUBTOTAL =</b>				<b>575.00</b>			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+			
<b>TOTAL NATIONAL FEE =</b>				<b>575.00</b>			
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property							
<b>TOTAL FEES ENCLOSED =</b>				<b>\$575.00</b>			
				<b>Amount to be refunded:</b>	\$		
				<b>Amount to be charged:</b>	\$		

  

a. ☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 08-1641 in the amount of \$575.00 to cover the above fees.

A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment To Deposit Account No. 08-1641 A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**HELLER EHRMAN LLP**  
 1717 Rhode Island Avenue, N.W.  
 Washington, D.C. 20036  
 Customer No.: 26633

SIGNATURE  
  
 John P. Isacson, Reg. No. 33,715

NAME \_\_\_\_\_ Date \_\_\_\_\_

REGISTRATION NO.: 33,715 January 30, 2006